



Varroa Mite Control Product Use By Product (East North Central)

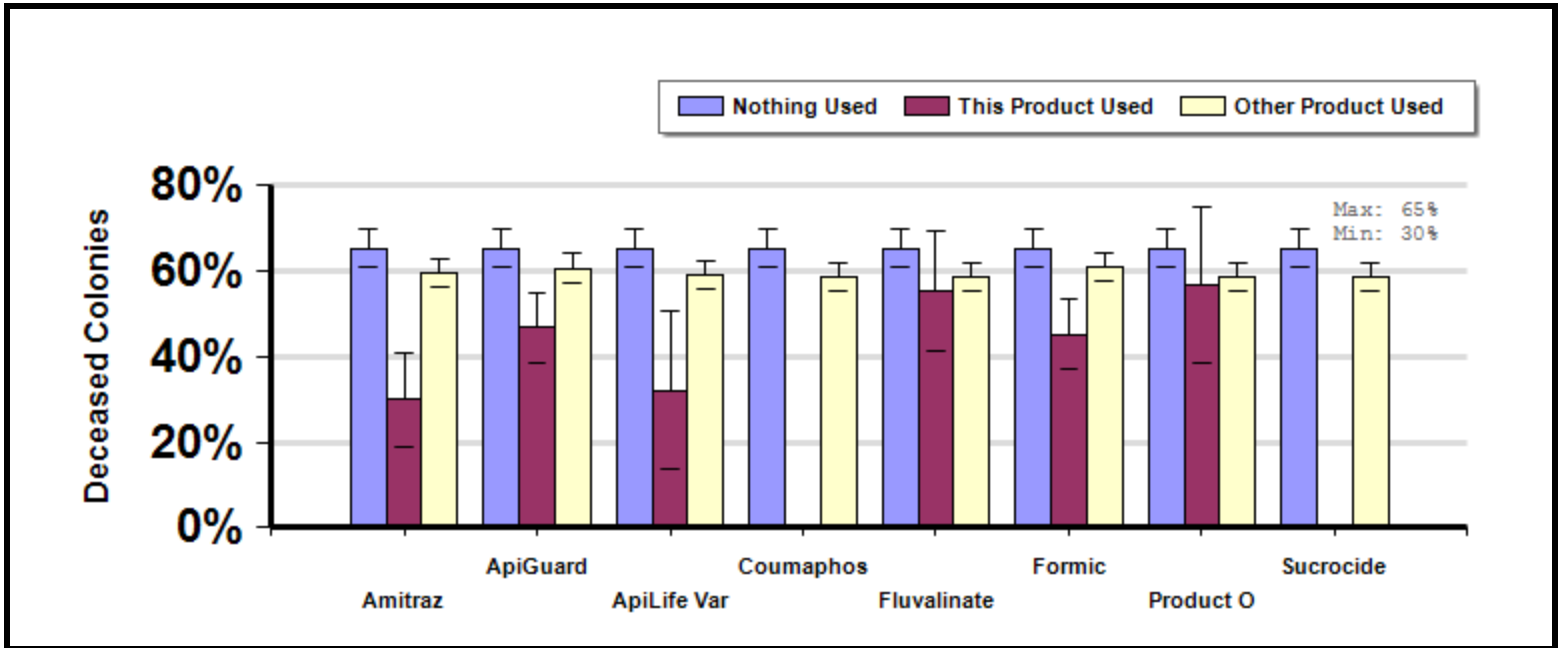
Management Survey 2013

(Filtered by: East North Central)

Winter

Report ID: 54-2013

A comparison of average winter colony mortality among beekeepers who reportedly applied different known varroa control products, at least once, to a majority of their colonies between April and March of the following year. Known varroa control products include ApiGuard, ApiLife Var, Amitraz, Coumaphos (i.e. CheckMite), Fenpyroximate (Hivastan), Fluvalinate (i.e. Apistan), Formic Acid (i.e. Mite Away II) Sucroside, product A and product O. Product O is a known varroa control product that is not registered for use in the US



Survey Question

Which, if any of the following, did you apply to a majority of your colonies between April 1, 2012 and March, 2013?

- ApiGuard
- ApiLife
- Amitraz
- Fluvalinate
- Formic Acid
- Product O
- Sucroside

		Total Number of Respondents Providing Valid Responses	Total Number of Colonies Managed	Average Number of Colonies Managed		Average Colony Loss
				Mean	Standard Error	Mean(%) [Lower, Upper] CI

Amitraz	Nothing Used	227	3,710	16.3	3.3	65.3 [60.9,69.6]
	This Product Used	17	42,943	2526.1	836.2	29.9 [19.0,40.9]
	Other Product Used	390	37,433	96.0	38.6	59.7 [56.4,63.0]
ApiGuard	Nothing Used	227	3,710	16.3	3.3	65.3 [60.9,69.6]
	This Product Used	64	18,516	289.3	118.1	46.8 [38.7,54.9]
	Other Product Used	343	61,860	180.3	62.3	60.6 [57.1,64.1]
ApiLife Var	Nothing Used	227	3,710	16.3	3.3	65.3 [60.9,69.6]
	This Product Used	8	201	25.1	14.4	32.2 [13.7,50.6]
	Other Product Used	399	80,175	200.9	56.8	59.0 [55.7,62.2]
Coumaphos	Nothing Used	227	3,710	16.3	3.3	65.3 [60.9,69.6]
	Other Product Used	404	77,472	191.8	55.7	58.6 [55.3,61.8]
Fluvalinate	Nothing Used	227	3,710	16.3	3.3	65.3 [60.9,69.6]
	This Product Used	17	370	21.8	7.2	55.2 [41.4,69.1]
	Other Product Used	390	80,006	205.1	58.1	58.6 [55.3,61.9]
Formic	Nothing Used	227	3,710	16.3	3.3	65.3 [60.9,69.6]
	This Product Used	63	23,060	366.0	227.4	45.1 [37.1,53.2]
	Other Product Used	344	57,316	166.6	51.2	60.9 [57.4,64.4]
Product O	Nothing Used	227	3,710	16.3	3.3	65.3 [60.9,69.6]
	This Product Used	10	19,192	1919.2	1358.5	56.8 [38.7,75.0]
	Other Product Used	397	61,184	154.1	44.9	58.5 [55.2,61.8]
Sucroside	Nothing Used	227	3,710	16.3	3.3	65.3 [60.9,69.6]
	Other Product Used	407	80,376	197.5	55.7	58.4 [55.2,61.7]

Comments About This Data

Relevant Links, References, and Citations

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Department of
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